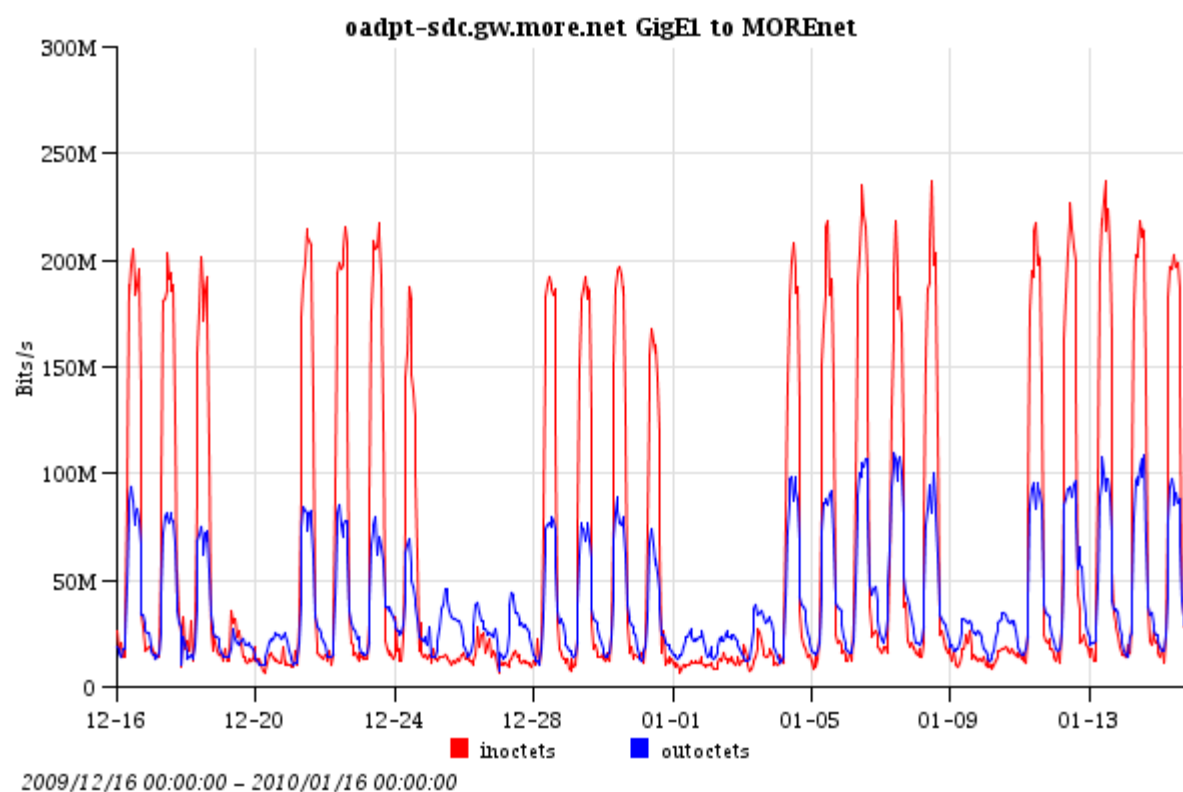**ITAB Report: January 2010**
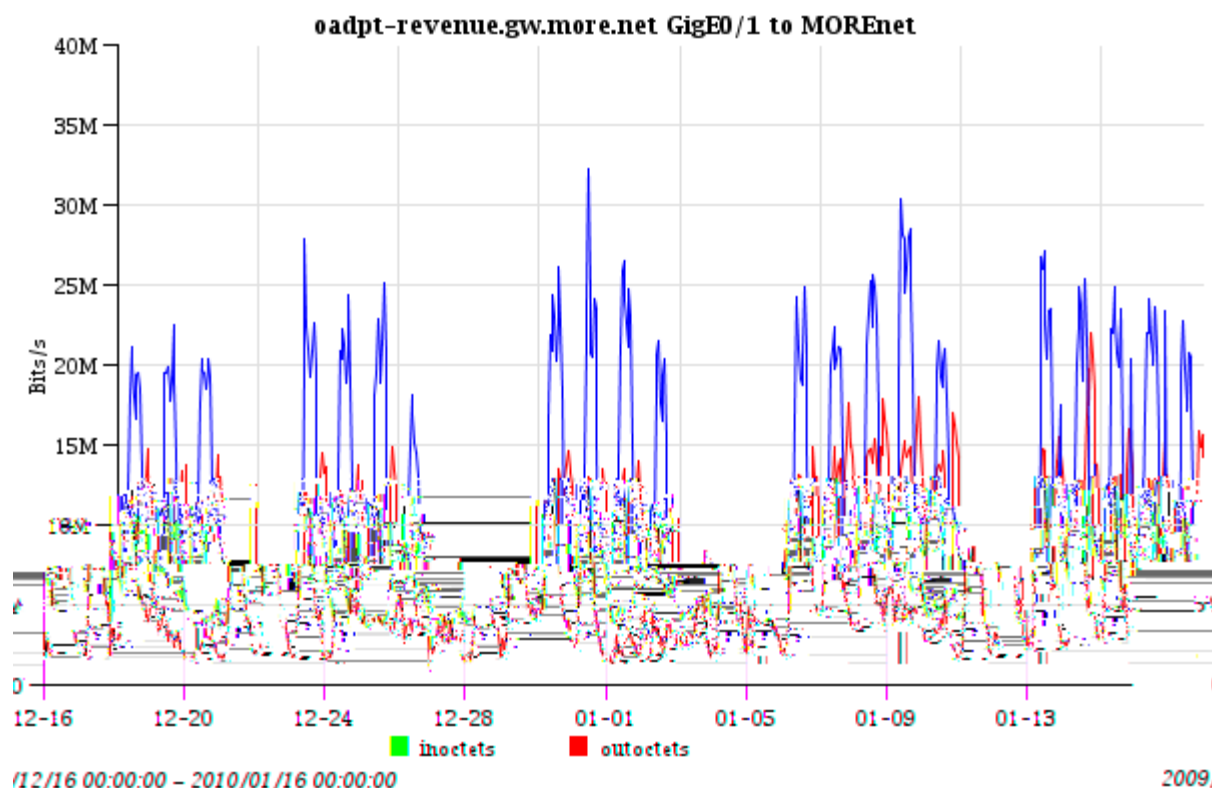**MOREnet, Chip Byers**

Network Services:

The State's Main and VPN circuits were both available 99.95% of the time between December 16 and January 15. The only outage was a result of MOREnet's scheduled maintenance in Columbia beginning a midnight on December 27. A scheduled maintenance at the St. Louis hub facility was also the only outage for the State's connection in St. Louis. That maintenance began at midnight on December 20. The State's connection in Springfield was available 100% of the time during this period.
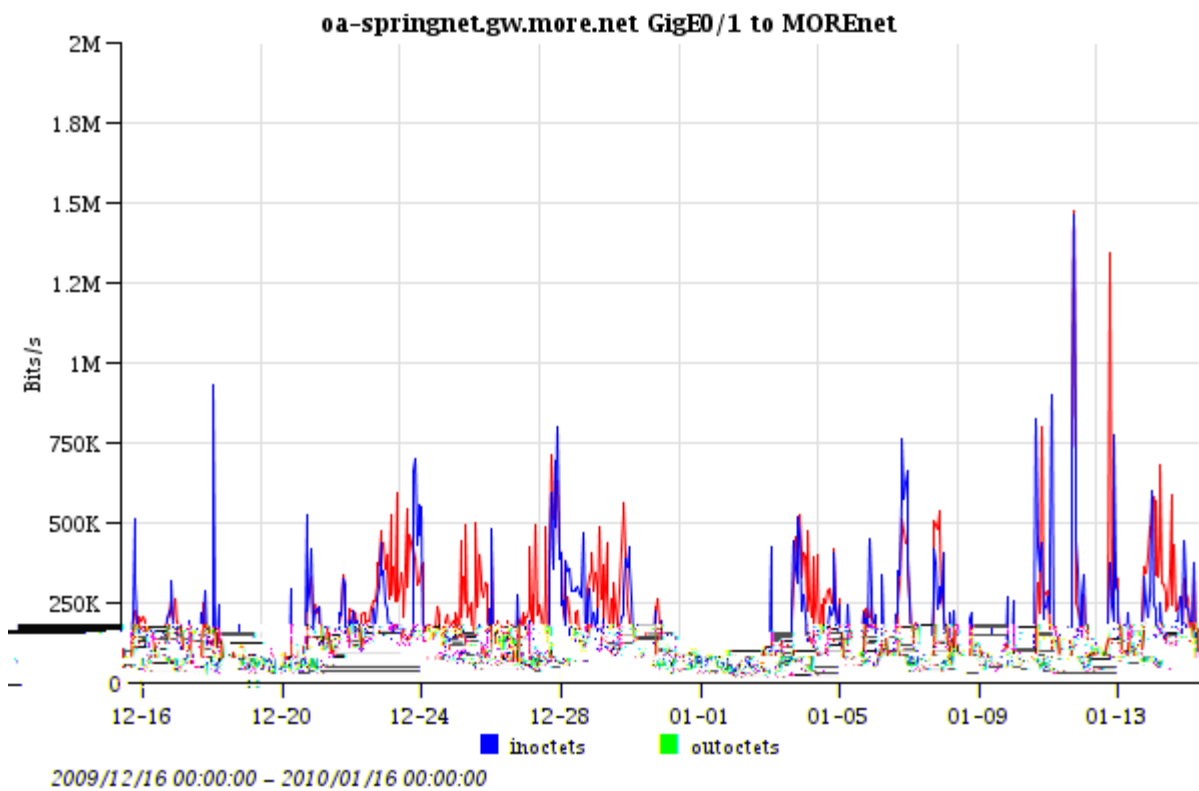
Systems and Programming:

Web sites have been available continuously except for scheduled maintenance. The database server for dynamically driven web sites had a memory upgrade from 4GB to 16GB on January 17.
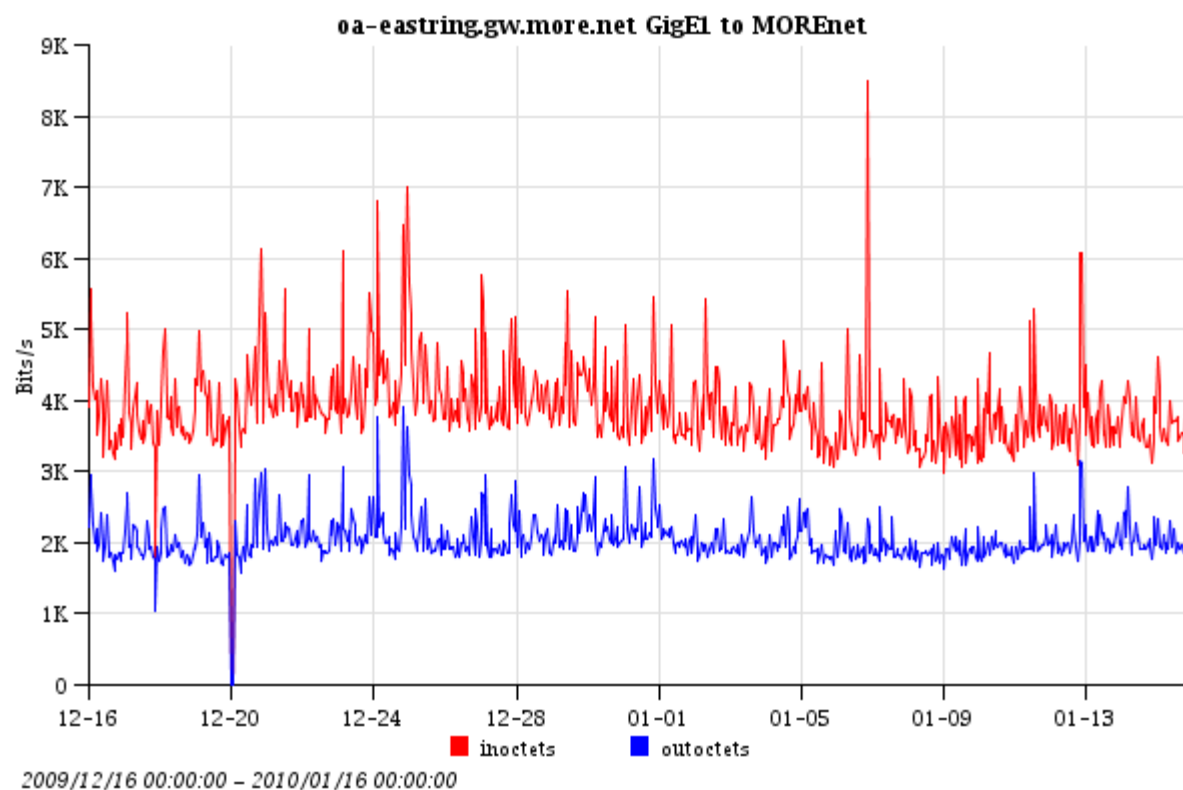
oadpt-sdc.gw.more.net GigE1 to MOREnet

2009/12/16 00:00:00 – 2010/01/16 00:00:00

	oadpt-sdc.gw.more.net GigE1 to MOREnet Bits In	oadpt-sdc.gw.more.net GigE1 to MOREnet Bits Out
Units	Bits/s	Bits/s
No. of samples	744	744
Sample size	1 hr	1 hr
Average	60.865M	38.995M
Minimum	6.15M	7.887M
Maximum	237.391M	109.528M
Standard Dev	73.781M	26.579M
99th Percentile	221.527M	106.492M
95th Percentile	205.793M	93.86M
90th Percentile	194.777M	84.97M
Rate of change	571.68K per day	534.867K per day

oadpt-revenue.gw.more.net GigE0/1 to MOREnet

12/16 00:00:00 – 2010/01/16 00:00:00   2009,

	oadpt-revenue.gw.more.net GigE0/1 to MOREnet Bits In	oadpt-revenue.gw.more.net GigE0/1 to MOREnet Bits Out
Units	Bits/s	Bits/s
No. of samples	744	744
Sample size	1 hr	1 hr
Average	8.687M	8.396M
Minimum	1.957M	876.987K
Maximum	21.971M	32.257M
Standard Dev	3.582M	7.767M
99th Percentile	17.591M	27.52M
95th Percentile	14.713M	23.519M
90th Percentile	13.549M	21.136M
Rate of change	106.452K per day	110.146K per day

oa-springnet.gw.more.net GigE0/1 to MOREnet

■ inoctets ■ outoctets

2009/12/16 00:00:00 – 2010/01/16 00:00:00

	oa-springnet.gw.more.net GigE0/1 to MOREnet Bits In	oa-springnet.gw.more.net GigE0/1 to MOREnet Bits Out
Units	Bits/s	Bits/s
No. of samples	744	744
Sample size	1 hr	1 hr
Average	178.502K	149.183K
Minimum	22.152K	17.446K
Maximum	1.472M	1.464M
Standard Dev	147.283K	143.087K
99th Percentile	659.614K	736.874K
95th Percentile	473.633K	423.26K
90th Percentile	371.617K	303.91K
Rate of change		

oa-eastring.gw.more.net GigE1 to MOREnet

2009/12/16 00:00:00 – 2010/01/16 00:00:00

	oa-eastring.gw.more.net GigE1 to MOREnet Bits In	oa-eastring.gw.more.net GigE1 to MOREnet Bits Out
Units	Bits/s	Bits/s
No. of samples	744	744
Sample size	1 hr	1 hr
Average	3.874K	2.037K
Minimum	0	0
Maximum	8.501K	3.92K
Standard Dev	593.675	298.473
99th Percentile	6.078K	3.07K
95th Percentile	4.978K	2.598K
90th Percentile	4.492K	2.38K
Rate of change	-14.525 per day	-2.747 per day